

Converting Colors

XYZ(37.5570, 37.9239, 33.3575)

Have a look what the booklet for
XYZ(37.5570, 37.9239, 33.3575)
contains.

XYZ(37.5570, 37.9239, 33.3575)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(37.5570, 37.9239,
33.3575)**

Conversions

Conversions Part 1

Format	Color
Hex	B6A294
RGB	182, 162, 148
RGB Percent	71%, 64%, 58%
CMY	0.2863, 0.3647, 0.4196
CMYK	0.00, 0.11, 0.19, 0.29
HSL	25°, 19%, 65%
HSV	25°, 19%, 71%
XYZ	37.5570, 37.9239, 33.3575
YIQ	166.3840, 16.4140, -0.1140

Conversions

Conversions Part 2

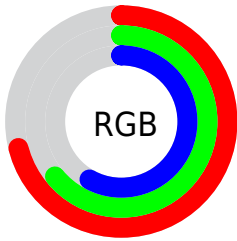
Format	Color
RYB	182, 172, 148
Decimal	11969172
CIELab	67.96, 4.99, 9.94
CIELCh	68, 11.122, 63.345
Yxy	37.9239, 0.3451, 0.3484
Android (android.graphics.Color)	4290159252 (0xFFB6A294)
YUV	166.3840, -9.0633, 13.6952
Hunter-Lab	61.5824, 1.0919, 10.9919

Details

The XYZ color **37.5570, 37.9239, 33.3575** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.6585, 37.6775, 49.7019**, and the grayscale version is **36.4692, 38.3684, 41.7832**.

A 20% lighter version of the original color is **70.7334, 72.0671, 66.0594**, and **16.7869, 16.6821, 13.6445** is the 20% darker color. If you saturate the color by 10%, you get **34.4225, 33.7817, 25.7554**, and if you desaturate by 10%, it is **41.0806, 42.4812, 42.2077**.

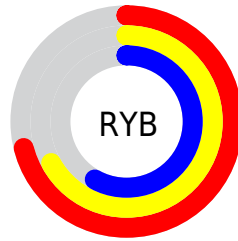
Distribution



Red (71%)

Green (64%)

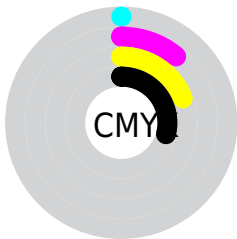
Blue (58%)



Red (71%)

Yellow (67%)

Blue (58%)

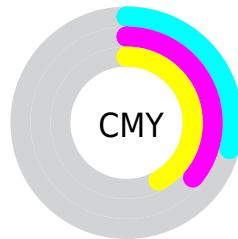


Cyan (0%)

Magenta (11%)

Yellow (19%)

Black (29%)



Cyan (29%)

Magenta (36%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.5570, 37.9239, 33.3575 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 37.5570, 37.9239, 33.3575 by changing the saturation by 10% instead.

■ 37.5570, 37.9239,
33.3575

■ 37.5570, 37.9239,
33.3575

327.0296,
337.2934, 331.9389

■ 25.8147, 25.9236,
22.1271

■ 70.7369, 71.9915,
66.0557

■ 16.8170, 16.7665,
13.7511

■ 92.9052, 94.8276,
88.3606

■ 10.1986, 10.0682,
7.8110

119.2796,
122.0444, 115.1940

■ 5.5941, 5.4442,
3.8882

150.2254,
154.0264, 146.9746

■ 2.6382, 2.5102,
1.5642

186.1079,
191.1579, 184.1208

■ 0.9655, 0.8817,
0.2651

227.2925,

■ 0.0000, 0.0000,

233.8233, 227.0513

0.0000

274.1447,
282.4070, 276.1844

■ 37.5570, 37.9239,
33.3575

■ 37.5570, 37.9239,
33.3575

■ 34.4225, 33.7817,
25.7554

■ 41.0806, 42.4812,
42.2077

■ 31.6595, 30.0373,
19.3422

■ 45.0040, 47.4600,
52.3569

■ 29.2535, 26.6795,
14.0571

■ 49.3411, 52.8732,
63.8561

■ 27.1878, 23.6947,
9.8333

■ 54.1044, 58.7315,
76.7526

■ 25.4440, 21.0684,
6.5966

■ 59.3057, 65.0452,
91.0916

■ 24.0017, 18.7849,
4.2630

■ 64.5997, 71.6816,
105.0389

■ 22.8377, 16.8269,
2.7345

■ 67.6058, 77.6937,
106.0409

■ 21.9149, 15.1710,
1.8422

■ 70.7968, 84.0757,
107.1046

■ 21.8050, 14.9722,
1.7407

■ 73.1015, 88.6851,
107.8728

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



38.8935, 37.9239, 36.2790



37.5570, 37.9239, 33.3575



35.8520, 37.9239, 32.5017

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



37.5570, 37.9239, 33.3575



32.8288, 37.9239, 41.8505



37.9032, 37.9239, 49.7644

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



37.5570, 37.9239, 33.3575



34.6585, 37.6775, 49.7019

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



36.2398, 37.9239, 51.5411



37.5570, 37.9239, 33.3575



33.3401, 37.9239, 46.7482

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



37.5570, 37.9239, 33.3575



33.1564, 37.9239, 37.1685



34.5752, 37.9239, 50.3959



39.0978, 37.9239, 45.7111

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



37.5570, 37.9239, 33.3575



34.7446, 37.9239, 33.1564



34.5752, 37.9239, 50.3959



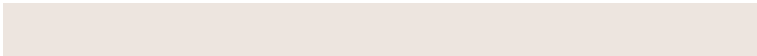
37.3785, 37.9239, 50.6617

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



37.5580, 37.9256, 33.3583



76.2427, 79.2717, 81.0387



36.9868, 33.9674, 41.8487



16.7408, 17.3825, 17.6450



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.5580, 37.9256, 33.3583



65.9134, 65.8995, 55.1321



40.6770, 44.1635, 34.3979



9.3003, 9.6035, 9.4704



15.4606, 10.6976, 1.2500



0.6064, 0.4998, 0.0645

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



34.6585, 37.6775, 49.7019



59.7791, 65.3728, 89.7032



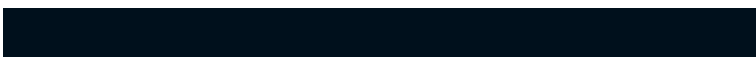
31.7877, 31.9359, 48.7450



8.9482, 9.5735, 11.4557



9.7451, 9.9499, 32.6600



0.4029, 0.4695, 1.1711

Previews

White Background



This preview shows how the XYZ color 37.5570, 37.9239, 33.3575 looks on a white background.

Color Contrast Check

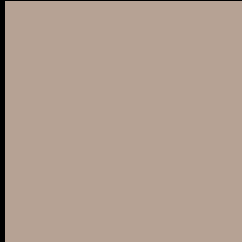
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 37.5570, 37.9239, 33.3575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

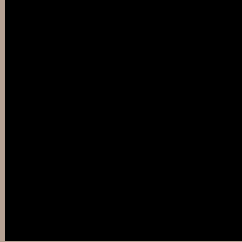
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.5570, 37.9239, 33.3575

Background



This preview shows how black text looks on a background with the XYZ color 37.5570, 37.9239, 33.3575.



This preview shows how white text looks on a background with the XYZ color 37.5570, 37.9239,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

37.5570, 37.9239, 33.3575

Protanopia

35.9734, 37.8829, 34.2703

Deuteranopia

38.6551, 37.9711, 33.3088



Tritanopia

39.7564, 38.0508, 43.7772

Trichromacy



Original Color

37.5570, 37.9239, 33.3575

Protanomaly

36.6048, 37.9510, 33.8298

Deuteranomaly

38.3399, 38.0670, 33.3439

Tritanomaly

38.9488, 37.9763, 39.9277

Monochromacy



Original Color

37.5570, 37.9239, 33.3575

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.7264, 38.1841, 38.2355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5570, 37.9239, 33.3575 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(182, 162, 148)` looks like.

```
.text, #text, p{  
    color:rgb(182, 162, 148)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(182, 162, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 162, 148) }
```

Border

The CSS property to change the border of an element to XYZ 37.5570, 37.9239, 33.3575 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(182, 162, 148) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(182, 162, 148) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(182, 162, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 162, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 162, 148);  
box-shadow:4px 4px 4px 4px rgb(182, 162,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5570, 37.9239, 33.3575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 162, 148) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(182,  
162, 148) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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